



Certificate no: UC-744dab11-abbd-4cc9-90e9-75f68c56ce78

Certificate url: ude.my/UC-744dab11-abbd-4cc9-90e9-75f68c56ce78

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Bhargav Ranpariya

Date **April 9, 2022**

Length **6.5 total hours**